

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-000412**Date Inspected:** 05-Sep-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Gu Xin Zhai**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Mock Up, Check Samples**Summary of Items Observed:**

Elevation 77:

Caltrans Quality Assurance (QA) Inspector Charlie Franco was present at the time requested to randomly observe welding being performed for the fabrication of the Mock Up at elevation 77.

The QA Inspector observed ZPMC NDT Technician Cai Xin Xin performing 100% MT inspection of the root passes in WJ's MUSA-MA3-3 and MUSA-MA3-4 of skin plate B. There appeared to be no indications and ZPMC CWI Gu Xin Zhai accepted the root passes for the above WJ's.

Plate Storage Yard:

The QA Inspector was present at the time requested to observe the removal of 12 each check samples from 12 each production steel plates. The QA Inspector assigned Caltrans Lot Numbers B75-063-07 through B75-074-07 to the check samples. The Lot Numbers were written on the check samples along with the direction of rolling. The Lot Numbers, date, heat numbers, plate type/grade and plate thickness were all entered on the Check Sampling Tracking Log for Caltrans Project 04-0120F4.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

ZPMC QA Representative Zhang Jia Di (Ken), informed the QA Inspector that an additional check sample would be removed from each production steel plate. Ken explained to the QA Inspector that the 2nd check sample would be used as a backup in case something happened to the original check sample. The QA Inspector informed Ken that there would be a Caltrans Lot Number assigned to only one check sample and that an additional check sample would not be accepted without that Caltrans Lot Number on the check sample. There was only one check sample removed from each production steel plate.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Franco,Charlie	Quality Assurance Inspector
Reviewed By:	Cuellar,Robert	QA Reviewer
